

1       3. The system of claim 1, wherein the capacity determiner determines a number of  
2 bits in the displayable message that are operable to be transmitted in the data packages.

1       4. The system of claim 1, wherein the fragmenter divides the displayable message  
2 into  $n$  fragments such that  $(n-1)$  of the fragments include an amount of data substantially equal to  
3 the capacity of the conveying network, and one of the fragments includes an amount of data less  
4 than the capacity of the conveying network.

1       5. The system of claim 1, wherein the data packages further include an indicia of the  
2 size of the displayable message and a reference parameter corresponding to the position of the  
3 fragments in the displayable message.

1       7. The system of claim 1, wherein the data packages further include an indicia of the  
2 identity of the displayable message.

1       10. The system of claim 1, wherein the capacity determiner determines the capacity  
2 based on a capacity indication from a serving wireless telecommunications network in the  
3 conveying network.

1       11. The system of claim 1, wherein the capacity determiner, the fragmenter and the  
2 packager comprise a displayable message center coupled to a serving wireless  
3 telecommunications network that transmits the displayable message to the wireless terminal.

1       13(amended). A system capable of transmitting a displayable message over a conveying  
2 network in more than one data package, the system comprising:  
3            a fragmenter for dividing a displayable message having an amount of data greater than the  
4 capacity of the components of the conveying network into fragments at the application protocol  
5 layer, each fragment having an amount of data less than or equal to the capacity of the conveying  
6 network; and

1  
2  
3  
4  
5  
6  
7 a packager for packaging the fragments into multiple data packages[, the data packages  
8 including a reference parameter corresponding to the position of the fragment in the displayable  
9 message.]

1 18(amended). A method capable of transmitting a displayable message over a conveying  
2 network in more than one data package, the method comprising:  
3 determining a capacity of the components of the conveying network for transmitting data;  
4 dividing the displayable message into fragments at the application protocol layer based on  
5 the capacity of the conveying network such that the size of the fragments does not exceed the  
6 capacity of the conveying network; and  
7 packaging the fragments into the data packages such that the data packages are operable  
8 to be separately transmitted by a short message service over the conveying network[, a data  
9 package including a reference parameter corresponding to the position of the fragment in the  
10 displayable message].

1 19. The method of claim 18, wherein the step of determining a capacity comprises the  
2 step of determining a number of characters in the displayable message that are operable to be  
3 transmitted in the data packages.

1 20. The method of claim 18, wherein the step of determining a capacity comprises the  
2 step of determining a number of bits in the displayable message that are operable to be  
3 transmitted in the data packages.

1 21. The method of claim 18, wherein the step of dividing the displayable message  
2 comprises dividing the displayable message into  $n$  fragments such that  $(n-1)$  of the fragments  
3 include an amount of data equal to the capacity of the conveying network, and one of the  
4 fragments includes an amount of data less than the capacity of the conveying network.

1 22. The method of claim 18, and further comprising including an indicia of the size of  
2 the displayable message in the data packages.